NEW MEXICO
ENVIRONMENT DEPARTMENT

Ground Water Quality Bureau

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BILL RICHARDSON
Governor
DIANE DENISH
Lieutenant Governor

RON CURRY
Secretary
JON GOLDSTEIN
Deputy Secretary

July 16, 2008

Ms. LaDonna Turner (6SF-RA)
Site Assessment Manager
Response Prevention Branch
U.S. EPA, Region 6
1445 Ross Ave., Suite 1200
Dallas, Texas 75202

RE: Sampling and Analysis Plan (SAP) and Request for Laboratory Sample Analysis (RLSA) for the Site Investigation of the Anaconda Company Bluewater uranium mill site (CERCLIS ID NMD007106891)

Dear LaDonna:

Enclosed are the SAP and RLSA for proposed Site Investigation ground water sampling of the Anaconda Company Bluewater uranium mill site (Site). The Site is currently under the jurisdiction of the U.S. Department of Energy (DOE) Office of Legacy Management. During the week of August 25, 2008, the New Mexico Environment Department (NMED) proposes to sample approximately 30 wells that are completed in the regional San Andres aquifer in a transect extending upgradient, across, and downgradient of the Site with respect to the direction of ground water flow in this aquifer. The purpose of this investigation is to further characterize downgradient monitor well detections of uranium in excess of the federal maximum concentration limit, as well as on-Site uranium concentrations in one San Andres-completed Point of Compliance (POC) well that were over 40 times the uranium concentration in the Site background POC well in this aquifer (see "Preliminary reassessment report, the Anaconda Company Bluewater uranium millsite," NMED, July 2008).

If you have any questions on the proposed SAP, please contact me at (505) 827-2908, or David L. Mayerson at (505) 476-3777.

Sincerely,

Dana Bahar
Superfund Oversight Section Program Manager

Attachments:

Site investigation sample and analysis plan
Contract Laboratory Program (CLP) Request for Laboratory Sample Analyses

Copies:

Grants Uranium Belt 2008 correspondence file
NMED/GWQB/SOS July 2008 read file
Christy Warren, EPA

872138

Site Investigation Sample and Analysis Plan
The Anaconda Company Bluewater Uranium Mill Site
CERCLIS ID NMD007106891
Cibola County, New Mexico

Superfund Oversight Section
Ground Water Quality Bureau
New Mexico Environment Department

July 16, 2008

Introduction

Under the authority of the Comprehensive Environmental Response, Compensation, and Liability Act, as amended, 42 United States Code (U.S.C.) §§ 9601 to 9675 ("CERCLA"), the New Mexico Environment Department (NMED) Superfund Oversight Section will conduct a Site Investigation ("SI") at the Anaconda Company Bluewater uranium mill site ("Site"), Cibola County, New Mexico (CERCLIS ID NMD007106891). The investigation will gather information and acquire sampling data to evaluate the site using the Hazard Ranking System (HRS) and the Superfund Chemical Data Matrix ("SCDM") to determine if threats to human health and the environment exist such that further action under CERCLA is warranted.

Site Description

The 3,300-acre Site, which now is called the Bluewater Disposal Site by the U.S. Department of Energy ("DOE"), is located in the southwest corner of the San Mateo Creek basin in north-central Cibola County. The latitude of the Site is 35° 15-17' north ("N"); the longitude is 107° 55-57' west ("W"). The Site is located in sections 7, 8, 17, 18, and 19 of Township ("T") 12 N, Range ("R") 10 W, and sections 12, 13, and 24, T 12 N, R 11 W, New Mexico Principal Meridian, and is approximately nine air miles northwest of Grants and about 1.5 miles northeast of the village of Bluewater. New Mexico State Highway 334, which intersects State Highway 122, provides access to the Site.

NMED is investigating possible environmental impacts from the San Mateo Creek legacy uranium sites (CERCLIS ID NMN00060684). These sites comprise approximately 85 formerly-producing uranium mine sites and 4 former uranium mill sites that, individually or collectively, may have impacted soil and ground water quality within this 321 square mile hydrologic basin.

Ground water in the San Andres generally flows eastward away from the Bluewater Site and toward the Homestake mill site. Ground water monitoring activities for ongoing remediation for the nearby downgradient Homestake Mining Company uranium mill site (CERCLIS ID NMD007860935) has identified uranium concentrations in the San Andres aquifer which exceed both federal and state drinking water standards. These San Andres-completed wells with elevated levels of uranium are located upgradient and northwest of the Homestake mill site.

The Anaconda Copper Company, which was succeeded by ARCO, operated uranium milling operations at the Site between 1953 and 1982. ARCO Coal Company reclaimed the Site between 1991 and 1995, which included ground water remedial activities to address contamination in the Alluvial and San Andres/Glorieta aquifers. During Site reclamation, polychlorinated biphenyl ("PCB") contaminated wastes were discovered onsite; these were encapsulated onsite with permission of the U.S. Environmental Protection Agency ("EPA"). Title to the Site was transferred to DOE for long-term stewardship in 1997, after the U.S. Nuclear Regulatory Agency ("NRC") approved ARCO's application for Alternate Concentration Limits ("ACLs") for these aquifers in 1996. Ground water contaminants that may be associated with the Site, as derived from historical documentation, include radium$_{226+228}$, uranium, nitrate,

chloride, molybdenum, asbestos, selenium, magnesium, thorium, aluminum, manganese, iron, and PCBs.

The community of Bluewater is located approximately 2.5 miles east of the Site. The Bluewater municipal water system (NM3525033) has one active supply well completed in the San Andres aquifer with 160 service connections for 560 people. The municipal water systems for the communities of Milan and Grants, which are located approximately 7 and 10 miles respectively southeast from the Site and have a collective population of over 10,000, also obtain water from the San Andres aquifer.

Sampling Activities

NMED proposes to identify and characterize possible impacts to ground water quality in the San Andres aquifer from the Site through ground water sample analyses for general hydrochemical parameters, total and dissolved metals, radionuclides, and PCB concentrations (see Table 1). NMED will sample ground water from private residential and monitoring wells that are completed in the San Andres aquifer within a transect oriented in the direction of ground water flow across the Site (*i.e.*, northwest/southeast; see Figure 1). At the upgradient end of the transect, NMED will sample domestic wells that are presumed to be unimpacted by contamination from the Site. The transect would include the existing San Andres-completed Point of Compliance and Point of Exposure monitor wells on the Site that are used for the DOE's long-term monitoring responsibilities, and San Andres-completed monitor and domestic wells that are both downgradient of the Site and cross-gradient of the Homestake site. Included within the latter will be one uranium-contaminated domestic well that was identified during NMED's residential well sampling program that is presumed to be impacted by contamination from the Homestake site; analyte concentrations from this sample will be used for comparison to analytical results from wells located downgradient of the Site and upgradient of the Homestake site, in order to determine whether hydrochemical differences can be identified to distinguish contaminant identity between the 2 mill sites.

Analyses of the approximately 30 wells that are proposed for sampling will be performed by the EPA Contract Laboratory Program ("CLP") and the New Mexico State Laboratory Division ("SLD;" see Table 1). The majority of analyses would be performed through the EPA's CLP laboratory. Radionuclide analyses (*e.g.*, radium$_{226+228}$gross alpha and gross beta) would be performed by SLD, since earlier discussions with EPA personnel has indicated that these analyses are unavailable through CLP. Additional samples will include 3-5 duplicate samples, and rinsate and trip blanks for quality assurance, in accordance with NMED's QAPP. NMED proposes to conduct this field sampling between August 25-28, 2008.

Water samples at each domestic well location will be collected from an access point closest to the well head if there is a dedicated pump already installed and operational. Well locations without a dedicated pump will require the utilization of a portable submersible pump or similar apparatus. Domestic wells will be purged for 15 minutes or until field parameters (*e.g.*, pH, conductivity, temperature) stabilize. On-Site monitor wells that are proposed for sampling have dedicated bladder pumps for low-flow sampling. Samples will be collected in the appropriate containers and preservatives, placed in insulated coolers with ice, and shipped to the laboratories

specified by the CLP. Samples that will be analyzed by SLD also will be collected within appropriate containers supplied by SLD, and transported to the laboratory for submittal within analysis-specific holding time periods. All samples that are collected in this program will utilize chain-of-custody handling procedures.

Worker safety and the safe sampling of wells in the field will follow the requirements described in Site Safety Plan (Attachment 1). All field personnel will work in teams of at least 2 individuals, and shall have communication availability with project leaders. The collection of a representative ground water sample will follow the guidance described in the SOP, Section 7 – Ground Water Sampling, (Attachment 2). Level D is the appropriate Personal Protection Equipment ("PPE") level for the sampling of the proposed well locations.

Proposed Sampling Hydrochemical Data Analytical Methods

Data collected from this sampling program primarily will enable NMED to evaluate whether elevated uranium concentrations exceeding drinking water standards in San Andres-completed wells downgradient of the Site may originate from the Site. An additional important use of data collected in this program will be to further develop baseline aquifer hydrochemical data and analytical methodologies to facilitate the investigation of potential legacy uranium sites' impacts throughout the overall San Mateo Creek basin (CERCLIS ID NMN00060684).

Laboratory results for the water quality parameters will be compared against federal and state drinking water and ground water quality standards. NMED will utilize trilinear-stiff diagrams to evaluate the sample water-types, any analyte associations, and spatial changes in water chemistry across the Site. The study will utilize ion ratios (Ca:Na, HCO_3:SO_4, Fe:Mg, etc.) to evaluate hydrochemical changes downgradient in the San Andres aquifer across the Site. Mixing line and x-y plots of key analytes will be used to check for similarities, differences, trends, and groupings with respect to sample location and proximity to a suspected ground water contaminant source. Initial statistical tests will be performed on the analytical data to determine if the data set has a normal or non-normal distribution of hydrochemistry values.

Task Management

The appropriate level of documentation for the field sampling event, sample chain-of-custody forms, laboratory results, and the site safety plan are the responsibility of the Project Management Team Leaders, David L. Mayerson and Earle Dixon.

Table 1. Proposed ground water analytes for proposed Site Investigation ground water sampling for the Anaconda Company Bluewater uranium mill site, New Mexico.

A. Field parameters

Parameter
Electrical conductivity (EC)
pH
Temperature
Dissolved oxygen (DO)
Oxidation-reduction potential (ORP or Eh)

B. Laboratory analyses through CLP

Analyte	Maximum required analytical detection limit (µg/L)
pH laboratory	NS
Total Dissolved Solids	500,000
Calcium (Ca)	5000
Magnesium (Mg)	5000
Sodium (Na)	5000
Potassium (K)	5000
Carbonate (CO_3)	NS
Bicarbonate (HCO_3)	NS
Sulfate (SO_4)	250,000[2]
Chloride (Cl)	250,000[1, 2]
Nitrate + nitrite ($NO_3 + NO_2$)	10,000[3]
Fluoride (F)	1,600[1]
Aluminum (Al)	200[4]
Antimony (Sb)	6[5]
Arsenic (As)	10[5]
Barium (Ba)	1000[1]
Beryllium (Be)	4[5]
Cadmium (Cd)	5[5]
Chromium (Cr)	50[1]
Cobalt (Co)	50[1]
Copper (Cu)	1,000[1]
Iron (Fe)	300[2]
Mercury (Hg)	2[1, 5]
Manganese (Mn)	50[2]
Nickel (Ni)	200[1]
Lead (Pb)	156

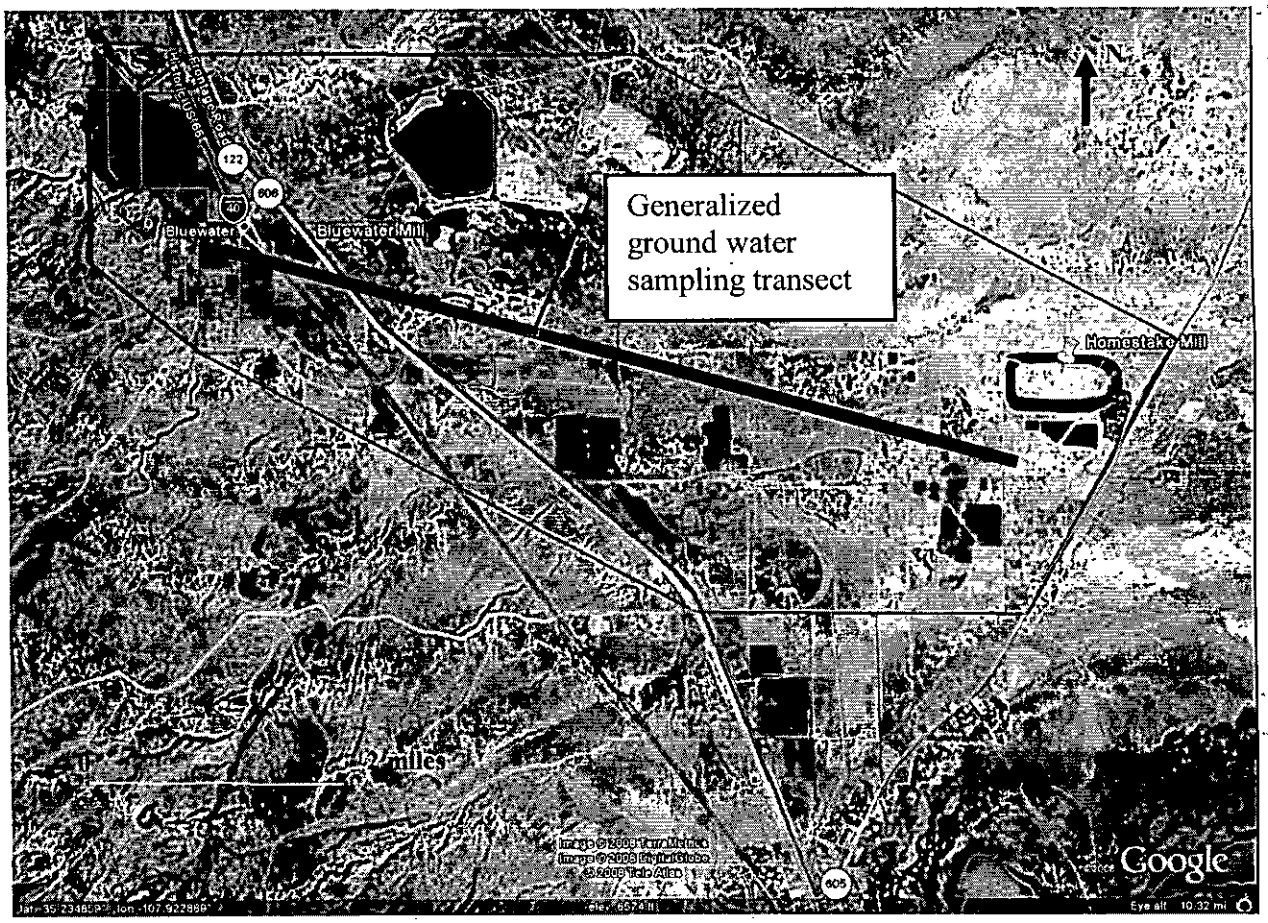
Analyte	Maximum required analytical detection limit (µg/L)
Magnesium	5,000
Molybdenum (Mo)	1,000[1]
Silver (Ag)	50[1]
Selenium (Se)	50[1, 5]
Thallium (Tl)	2[5]
Uranium (U)	30[1, 5]
Vanadium (V)	50
Zinc (Zn)	5,000[1]
Polychorinated biphenols (PCBs)	0.5[5]

C. Laboratory analyses through SLD

Analyte	Maximum required analytical detection limit (pCi/L)
Gross Alpha	15 pCi/L[5]
Radium-226 + 228 ($^{226}Ra + ^{228}Ra$)	5[5]
Gross Beta	NS

NS=not specified
[1]New Mexico Water Quality Commission ("NMWQCC") ground water quality standard
[2]Federal secondary maximum contaminant level ("SMCL")
[3]NMWQCC ground water quality standard and Federal primary maximum contaminant level ("MCL") for nitrate
[4]Maximum SMCL for aluminum
[5]Federal MCL
[6]Federal lead treatment technology action level

Figure 1. Location map of the Bluewater – Milan area, New Mexico and well locations proposed for sampling.



Attachment 1: Site Safety Plan

Personal Protection
Level of Protection (anticipated): D
Protective Clothing: Steel-toe boots and disposable nitrile gloves. Personnel sampling wells on HMC millsite must also wear hard hat.
Surveillance Equipment: NA
Decontamination Procedures

Personnel: Wash any exposed skin with soap and water.

Equipment: Wash with liquinox, rinse with de-ionized water.

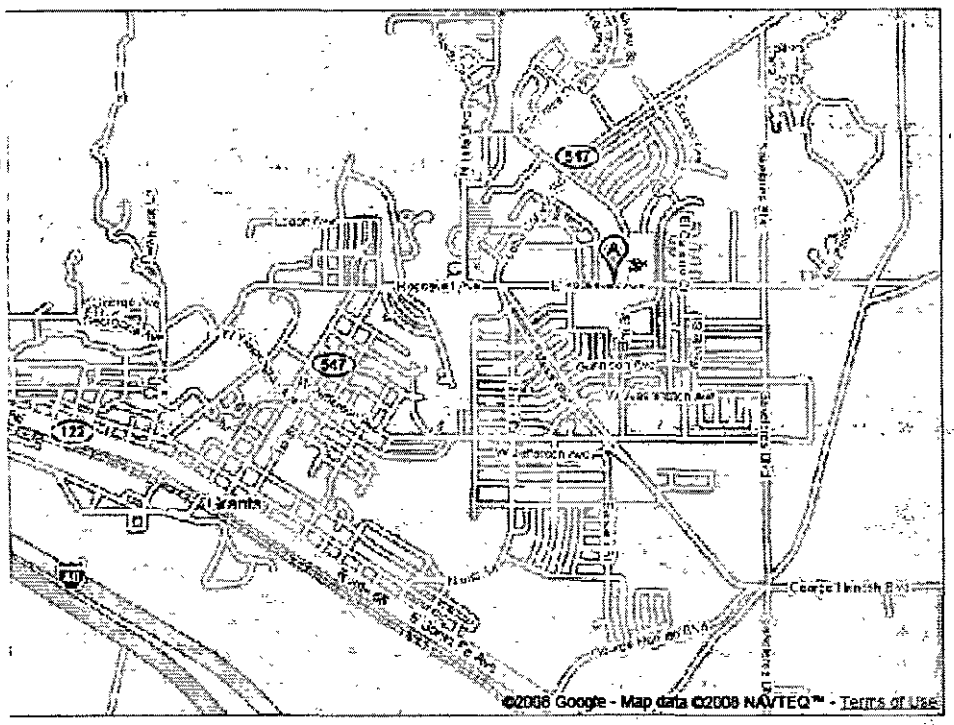
Contaminants of Concern:
Uranium, molybdenum, selenium, radium$_{226+228}$, nitrates, PCBs (a NIOSH book is on site for reference.)
Other potential workplace hazards:

1. Slips, trips, and falls
2. Poisonous snakes
3. Heat dehydration/exhaustion/stroke
4. One large diameter open wellbore without barricade
5. Potential for vehicle miring in mud when raining on mill site
6. Low overhead pipes in supply wellhouses

Emergency Information

Hospital: Cibola General Hospital
1016 Roosevelt Avenue
Grants, NM 87020
(505) 287-4446

A. **Cibola General Hospital**
1016 E Roosevelt Ave, Grants, NM - (505) 287-4446



Facilities for Toxic Waste Related Emergency:
Milan Fire Department: (505) 287-3776
Hazardous Waste Bureau 24-hour Emergency number: (505) 827-1557

Telephone Numbers:
Ambulance: 911
Police: 911 or (505) 894-6617
NMED: (800) 219-6157
New Mexico Emergency Response: (505) 827-1557
Poison Control Center: (800) 432-6866
Fire Department: (505) 287-3776

Other:
Be careful to avoid slip, trip, and fall hazards. Stray dogs, insects, sunburn, and windburn are potential problems in this area. Avoid inciting dogs, wear gloves, and sunscreen. Drink plenty of water.

I have been briefed on the Anaconda Company Bluewater uranium mill site

Signature	Printed Name	Date
Signature	Printed Name	Date

Signature	Printed Name	Date
Signature	Printed Name	Date
Signature	Printed Name	Date
Signature	Printed Name	Date
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Region 6 Sample Control Center, FAX 281-983-2248

REQUEST FOR LABORATORY SAMPLE ANALYSES

Site Name: Anaconda Bluewater Uranium Mill	City/State: Bluewater, NM	CERCLIS #: NMD007106891
GPRA Account #:	Site Spill ID #/ Operable Unit:	Type of Investigation/Purpose: Site Inspection/GW Sampling
EPA SAM, RPM, OSC: LaDonna Turner Mail Code: 6SF-TR	Analytical Turnaround Time: Region 6 Lab: 35 CLP Organics: 7___ 14__X__ 21 CLP Inorganics: 7___ 14__X__ 21	Type of Contract: Contractor: NMED Shipping Contact: David Mayerson
Telephone #: 214-665-6666	Are preliminary results required? * See Note Below *	Telephone #: 505-476-3777
Fax #:214-665-6660	48 hrs VOA ( ) Yes () No 72 hrs Extractables ( ) Yes (X) No 72 hrs Inorganics ( ) Yes (X) No	On Site Ph #: 505-660-0173 Fax #: 505-827-2965
Potential Enforcement Action? (X) Yes () No	**Preliminary Results Fax #:**	Date Sample Control Center Received Request For Sample Analysis:
Proposed Sampling Period: August 25 – 28, 2008		

Please assure that this request for analytical services has been signed and dated by the appropriate Site Assessment Manager, Remedial Project Manager, or On Scene Coordinator. Please assure that the Sample Control Center has a copy of all relevant Quality Assurance Project Plans (QAPPs) and Sampling and Analysis Plans (SAPs).

Preliminary Results: Requests for preliminary results must be limited to those circumstances where fast data turnaround times are needed to facilitate removal/remedial clean-up and emergency response actions. CLP preliminary results data are not considered to be data of known quality. As the name "preliminary" implies, the analytical results are tentative and may change.

Is the QAPP,QASP,SAP,O&M Plan, GWMP,DAW, or other relevant plan being submitted with this Request For Sample Analyses? The SAP is submitted with this RLSA.

If no, please explain(expected date of submission etc.):

Signature of **EPA Site Assessment Manager (SAM), Remedial Project Manager (RPM), or On Scene Coordinator (OSC)** to signify approval of this analytical service request.

Signature: _____ Date:

To most efficiently obtain laboratory capability for your request, please address the following considerations. Incomplete or erroneous information may result in a delay in the processing of your request.

1. General description of analytical services requested: (QA/R5 - Element B1)

Matrix	Analysis	Number of Samples (without QC)	Field QC Samples	
			How many?	Type?
Water	ILM05.4	32	2 2 1	Duplicate Field Blank Equipment Blank
Water	SOM01.2	32	2 2 1	Duplicate Field Blank Equipment Blank

Additional description (areas where samples are being collected etc.):

2. Analytical protocol required (analytical method & method number, extraction or digestion method & method number, CLP SOW reference, for each matrix if required, etc.): (QA/R5 - Element B4)

Matrix	Analysis	Methods
Water	Total and Dissolved Metals (200.8 and 200.7)	ILM05.4
Water	Aroclors (8082)	SOM01.2

Additional Information:

Requesting additional analytes be analyzed: pH, total dissolved solids (TDS), carbonate (CO_3), bicarbonate (HCO_3), sulfate (SO_4), chloride (Cl), fluoride (F), and Nitrate + Nitrite ($NO_3 + NO_2$)

Complete the following information if **Method 5035 for VOA soils** has been requested:

	# of low conc. soils	# of medium conc. soils		Type of Vials	# of low conc. soils	# of medium conc. soils
ENCORES			Pre-weighed vials			

3. Special technical instructions (specify any requirements outside of existing protocol such as target analytes, reporting limits, etc.): (QA/R5 - Elements A6 and B4)

CLP Flexibility Clause - The latest CLP Organic Statement of Work (SOW), OLM04.2, includes a flexibility clause. This clause allows the regions to request minor changes to current SOW analytical methods in order to meet specific field site requirements. The changes are limited in scope and must be approved by the EPA CLP Program Manager and Contracting Officer before implementation. **Information must be submitted four weeks prior to the sampling event, and the laboratories must agree to perform the analysis at no additional cost. http://www.epa.gov/superfund/programs/clp/methflex.htm**

4. Analytical results required (specify laboratory documentation and reporting requirements, reporting units, format requirements, etc.): (QA/R5 - Elements A6 and B4)

5. Other (any additional specifications, attach supplementary information if needed): (QA/R5 - Element B4)

See Attachment A

6. Data requirements (reporting limits; per analyte per matrix; reporting units; applicable reference levels, etc.): (QA/R5 - Elements A7, B1, and B4) (Attach extra pages if necessary) For CLP capabilities - **http://www.epa.gov/superfund/programs/clp/facts.htm.** For Region 6 Laboratory capabilities - **http://www.epa.gov/earth1r6/6lab/r6lab.htm**

Note: Samples submitted to the CLP for analysis must be low or medium concentration, single phase, homogenous (not oily), soil, sediment, or water.

NOTE: Samples with matrix related problems (oily material, high concentration of compounds, etc.) and/or high moisture content will raise the detection limits.

Parameter	Detection Limit	
	water (units)	soil/sediment (units)
Total and Dissolved Metals	See Attachment A	N/A
Aroclors	See Attachment A	N/A

a. Compounds/chemicals of concern (Action levels etc.)

Parameter	Detection Limit		
See Attachment A	water (units)		soil/sediment (units)

7. Requirements (PE samples & frequency, spikes, duplicates, blanks, & frequency)

QC Type	Frequency	QC Limits
Duplicate	1 per 20	CLP Limits
Field Blank	1 per 20	CLP Limits
Equipment Blank	1 per 10 each non-dedicated pump	CLP Limits
MS/MSD	1 per 20	CLP Limits

8. Data Assessment Options (For CLP generated data only)

Data assessment options apply only to data acquired through the CLP using the Organic Multi-Media/Multi-Concentration SOW - OLM04.2. See Attachment 5 (Region 6 Organic Data Assessment Options).
Data turnaround times refer to calendar days.

Mark the level of data assessment needed:

XX Level 3 - Full data validation (14 day turnaround)*

☐ Level 2 - Results qualified by computer, partial validation by ESAT (7 day turnaround)*
Level 1 - Results qualified by computer, minimal validation by ESAT (3 day turnaround)*

*** Plus 1 - 5 days for processing and mailing.**

Attachment A. Water Sample Target Analyte List, Bluewater Mill, Grants, New Mexico.

Analyte (Total & Dissolved metals)	Maximum Required Detection Limit (µg/L)
pH	-
Total Dissolved Solids	500,000
Carbonate (CO3)	-
Bicarbonate (HCO3)	-
Chloride (Cl)	250,000
Fluoride (F)	1,600
Sulfate (SO4)	250,000
Nitrate + Nitrite (NO3 + NO2)	10,000
Calcium (Ca)	5,000
Magnesium (Mg)	5,000
Sodium (Na)	5,000
Potassium (K)	5000
Aluminum (Al)	200
Antimony (Sb)	6*
Arsenic (As)	10
Barium (Ba)	1,000
Beryllium (Be)	4*
Cadmium (Cd)	5
Chromium (Cr)	50
Cobalt (Co)	50
Copper (Cu)	1,000
Iron (Fe)	300
Mercury (Hg)	2
Manganese (Mn)	50
Nickel (Ni)	200
Lead (Pb)	156
Molybdenum (Mo)	1,000
Silver (Ag)	50
Selenium (Se)	50
Thallium (Tl)	2*
Uranium (U)	30
Vanadium (V)	50
Zinc (Zn)	5,000
Polychorinated biphenols (PCBs)	0.5**

ICP-AES-CRQL lower detection limits are acceptable and preferred when available.
* Requesting lower Required Detection Limit than ICP-AES CRQL
** Requesting lower Required Detection Limit than SOM01.2

Submit one form per site, per week of sampling. CLP () / Houston Lab (X)

Site Name: Anaconda Bluewater Uranium Mill Site Projected Wk. of Sampling: August 25 thru August 28, 2008

Contract Laboratory Program (CLP) and/or Houston Lab Request for Regional Projections for August 2008 for Region 6 (please use a separate form for CLP and the Houston Lab)

SOM01.2	Trace Water By SIM	Trace Water	Low Water	Low Soil	Low Soil By SIM	Med Soil	Turnaround Time				PDF file of hardcopy data	
							7	14	21	**PR	(YES) X	(NO)
VOA											*PDF file must be requested at the time of scheduling.* **CLP Only**. There is an extra cost ranging from 1% to 10% of price per sample. PDF file is submitted as a CD with the hardcopy data package.	
BNA												
Pest												
Arochlors			37					X				

** = Preliminary Results = 48 hrs for VOA's/ 72 hrs for BNA/Pest/Arochlors

Note: SIM = Selective Ion Monitoring, available for 3 compounds in the VOA fraction and 18 in the BNA fraction. Modified Analysis or Flex-Clause is available. Three weeks lead time required. Contact Christy Warren (281/983-2137) or Myra Perez (281/983-2130) for additional information.

Method 5035 – For VOA analysis of soils

SOM1.2	# of low Conc. soils	# of med Conc. soils
ENCORES		
Pre-Weighed Vials (Closed System Vials		

ILM05.4 SOW	**PR	Turnaround Time		
		7	14	21
TAL Metals + CN + Hg				
TAL Metals + CN				
TAL Metals + Hg (Water)			37	
TAL METALS only				
Dissolved Metals (Water)			37	
ICP-MS (waters only)				
Select a specific metal from the target analyte list or several metals				
Analyte not listed on the target analyte list Uranium, Molybdenum				

**PR = Preliminary Results = 72 hrs for metals

The use of F2Lite is mandatory for all CLP sampling activities

The new organic SOW, SOM01.2 is currently in use.
For brief summary please link to this site:
http://www.epa.gov/superfund/programs/clp/download/som/som11-factsheet.pdf

The **ILM05.4** SOW allows the client to request analysis of water samples by ICP-MS on a routine basis. You can also select one metal or several metals. The client will also have the option of requesting a metal not listed on the metals target analyte list. (Ex. Molybdenum)
http://www.epa.gov/superfund/programs/clp/download/ilm/ilm54fs.pdf

A modified analysis or flex-clause is required when you request The following options:

A) a target compound or analyte not listed
B) lower detection levels than those specified by the SOW
C) different matrices (fish, wipes, . . . etc)

The client must provide three weeks advance notice for the modified analysis or flex-clause option.

Additional Analytes requested to be analyzed include: pH, Total dissolved Solids, Carbonate, Bicarbonate, Sulfate, Fluoride, Chloride, Nitrate + Nitrite

Signature of SAM, RPM, OSC | Mail Code | Date | **Indicate type of contract & contractor**

Please FAX to: Myra Perez, External Lab. Oversight Team (281/983-2124) by July 17, 2008